

ET Summit 2022

Presented by



Ascent to Market Transformation

Summer 2022 Ascent to CHPWH Technology Adoption



Keshmira McVey

BPA



CHWPH WORK GROUP



WHERE WE STARTED

PRODUCT



NASCENT INITIATIVE

Few CHPWHs available

Outdated and overly conservative assumptions for hot water usage

MARKET CHANGE



FEW SUPPORTS

No market engagement

No CHPWH system design or workforce training

CODES & STANDARDS



LACK OF GUIDANCE

No robust CHPWH specs, standards, or programs

WHERE WE WANT TO BE

PRODUCT

ROBUST OPTIONS

Large selection of plug-and-play options for all US climate zones;
EcoSizer available for wide range of commercial systems

MARKET CHANGE

MARKET CHOICE

Market knows about CHPWHs and their benefits, and how to design &
install them

CODES & STANDARDS

UTILITY BUY-IN

Utility programs based on QPL and EcoSim

And expanded range of commercial applications (beyond multifamily)

AVAILABLE PRODUCT



ACCOMPLISHMENTS:

Shifted market to plug-and-play approach



WHERE WE GO NEXT:

Add functionality to EcoSizer; establish demo projects; develop user-friendly EcoSim interface



FUNDING PRIORITIES:

EcoSizer, TIM, EcoSim



MARKET CHANGE



ACCOMPLISHMENTS:

Comprehensive body of CHPWH system design training materials



WHERE WE GO NEXT:

Conduct end-user education & engagement; capture learn assets; develop training catalog

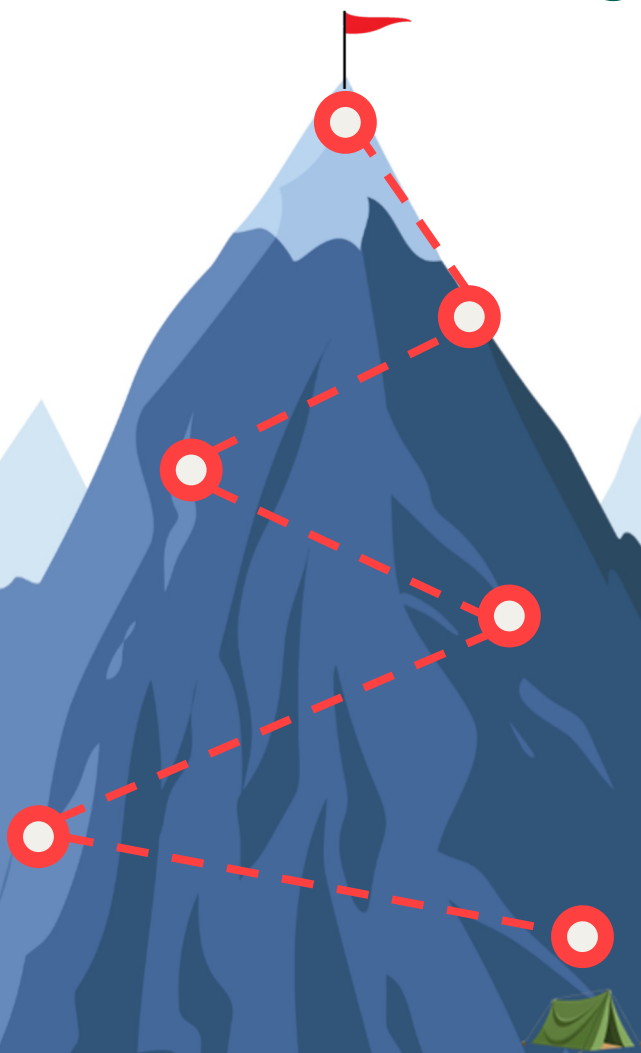


FUNDING PRIORITIES:

Market research w/building owners & end users; workforce development training



CODES & STANDARDS



ACCOMPLISHMENTS:

AWHS published version 8.0

Qualified Products List Published



WHERE WE GO NEXT:

Additional QPL Products; CHPWH performance database; Model Utility Program

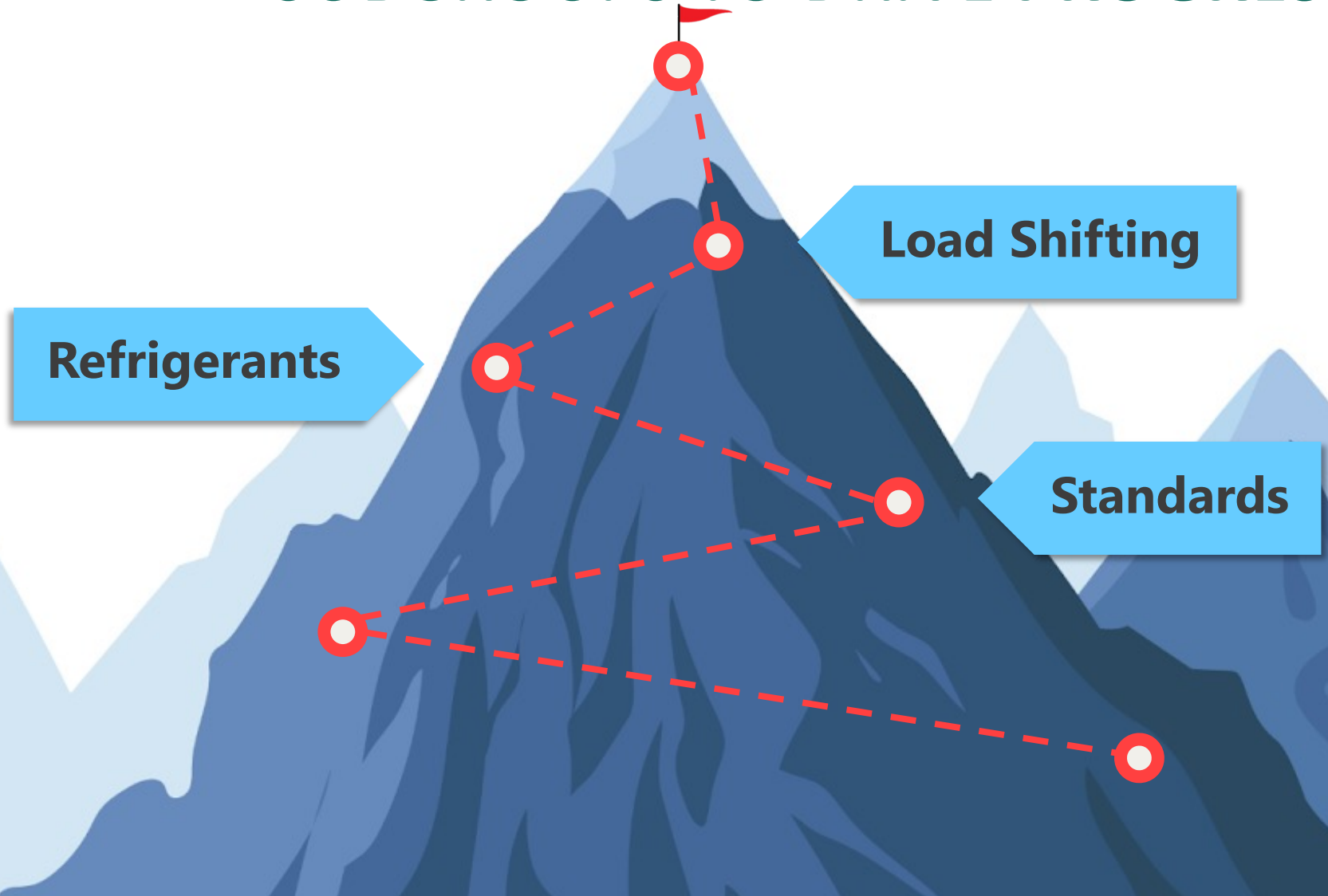


FUNDING PRIORITIES:

Additional QPL; CHPWH performance database; Create standards for AWHS & integrate into IECC



SUBGROUPS TO DRIVE PROGRESS



Keshmira McVey

BPA & AWHI

